

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 November 2004 (04.11.2004)

PCT

(10) International Publication Number
WO 2004/093852 A3

(51) International Patent Classification⁷: **A61K 31/565**,
31/568, A61P 9/00, 35/00, 11/06, 13/12

(21) International Application Number:
PCT/GB2004/001663

(22) International Filing Date: 16 April 2004 (16.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0308857.2 16 April 2003 (16.04.2003) GB

(71) Applicants and

(72) Inventors: MARGETTS, George [GB/GB]; 44 Broom-
field Drive, Billingshurst RH14 9TN (GB). VINSON,
Gavin, Paul [GB/GB]; 37 Birchwood Avenue, Muswell
Hill, London N10 3BE (GB).

(74) Agents: CRESSWELL, Thomas, Anthony et al.; J.A.
Kemp & Co., 14 South Square, Gray's Inn, London WC1R
5JJ (GB).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

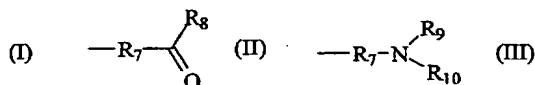
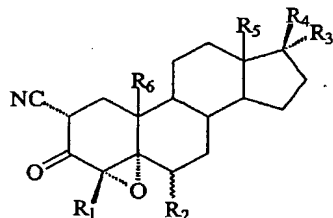
Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
23 December 2004

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF STEROID DERIVATIVES FOR THE TREATMENT OF ANGIOTENSIN II RELATED DISEASE E.G. CAR-
DIOVASCULAR AND PROLIFERATIVE DISORDERS



(57) Abstract: Use of a compound of formula (I) or a 3-enol C_{1 to 4} alkanooate ester thereof in the manufacture of a medicament for the treatment of an angiotensin II related disease in humans and animals wherein R₁, R₂, R₅, R₆ are the same or different and each is hydrogen or C_{1 to 4} alkyl; R₃ is hydrogen, C_{1 to 4} alkyl, C_{2 to 4} alkenyl or C_{2 to 4} alkynyl; R₄ is hydroxyl, C_{1 to 4} alkanoyloxy, a group of formula (II) or (III) wherein R₇ is (CH₂)_n, where n is an integer of from 0 to 4, R₈ is hydrogen, C_{1 to 4} alkyl, hydroxy or NH₂ and R₉ and R₁₀ are the same or different and each is hydrogen or C_{1 to 4} alkyl; or R₃ and R₄ together are oxo, ethylenedioxy or propylenedioxy.